

4X4 HDMI Matrix

# USER MANUAL

ENJOY THE VIVID WORLD

UltraHD • HDR



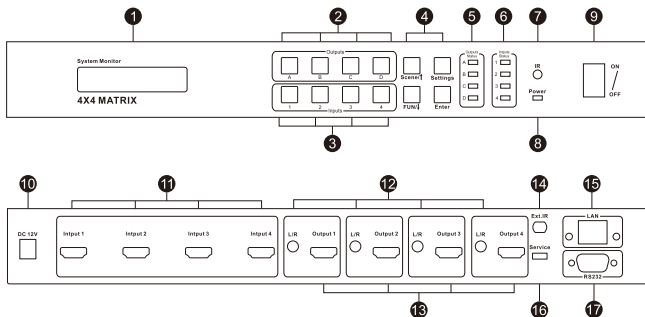
## **Features:**

- Support resolution up to 3840x2160@60Hz
- HDMI input/output port support PCM, Dolby AC3, DTS5.1, DTS7.1 and DSD audio format
- Smart EDID management, make it compatible with most display devices
- Matrix status could be memorized after power down, automatically restore previous matrix status after next power on
- Support 4 configurable user preset connections
- Easy to control matrix via IR receiver, panel keypad and PC (via LAN port or RS232 port)
- Support DVI-D single link sources and displays with the use of HDMI-to-DVI adapters
- HDCP2.2 compliant
- Support HDR
- Support L/R audio output

## **Packing List:**

- 1 \* 4x4 HDMI Matrix
- 1 \* Remote control
- 1 \* IR Receiver cable
- 2 \* Rack-ears
- 1 \* DC 12V Power adapter
- 1 \* User manual

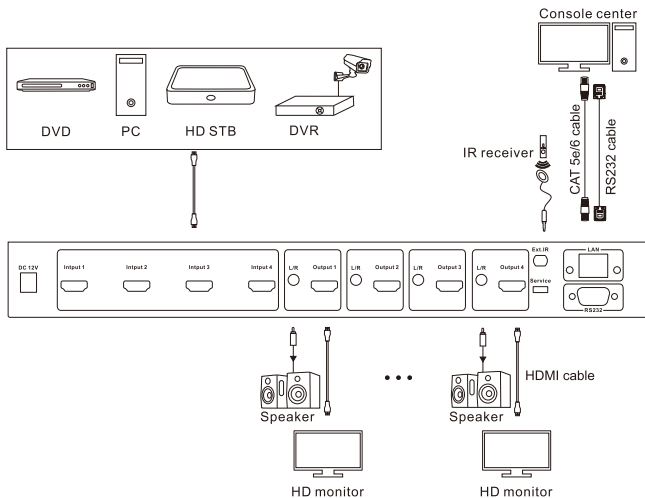
## Pane Description:



ID	Name	Description
1	LCD display	Display current routing status and system setting
2	Output selection button	Select output channel
3	Input selection button	Select input port
4	Function select button	<b>Scene</b> /↑: Save current routing as user preset and restore user's preset <b>FUN</b> /↓: Fast setting N to N mirrored routing and N to all routing <b>Setting</b> : Change LED time and buzzer status <b>Enter</b> : Enter user's setting

ID	Name	Description
5	Output status	LED indicator of output connection status
6	Input status	LED indicator of input connection status
7	IR receiver	Receive IR remote signal
8	Power status	LED indicator of power supply
9	Power switch	Power on or off the matrix
10	DC 12V	12V DC power supply
11	HDMI input	Connect to HDMI source devices
12	L/R audio output	Connect to speaker
13	HDMI output	Connect to HDMI displays
14	Ext.IR	For extended IR receiver cable input
14	LAN port	Connect to local area network, control matrix by TCP/IP commands
16	Service data port	Connected to USB port of PC for system upgrade
17	RS232	Connect to RS232 connector for serial control

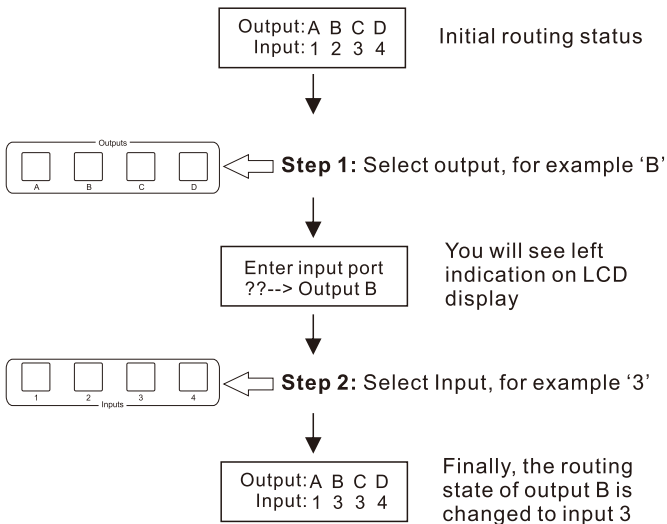
## Connection Diagram:



## Keypad Use:

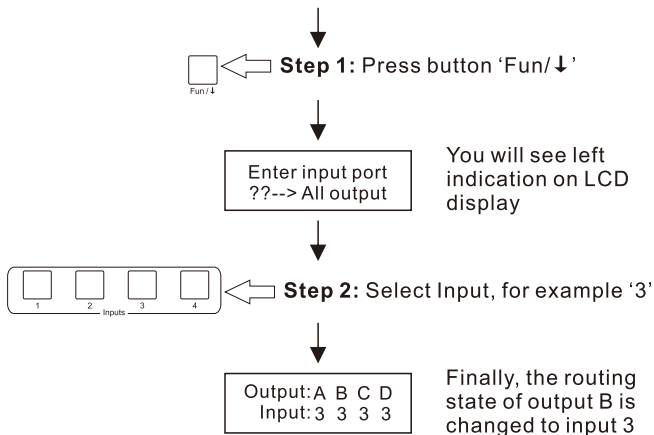
### 1. Selecting sources and outputs by keypad

#### (1) 1 to 1 switch

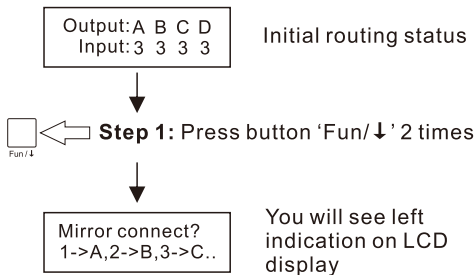


#### (2) 1 to all switch





### (3) Switch to mirrored connection







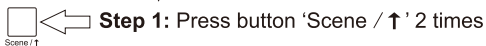
Output: A B C D  
Input: 1 2 3 4

Finally, the routing states of all outputs are changed to mirrored connection

## 2. Save preset routing status

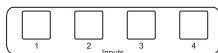
Output: A B C D  
Input: 2 2 3 4

Initial routing status

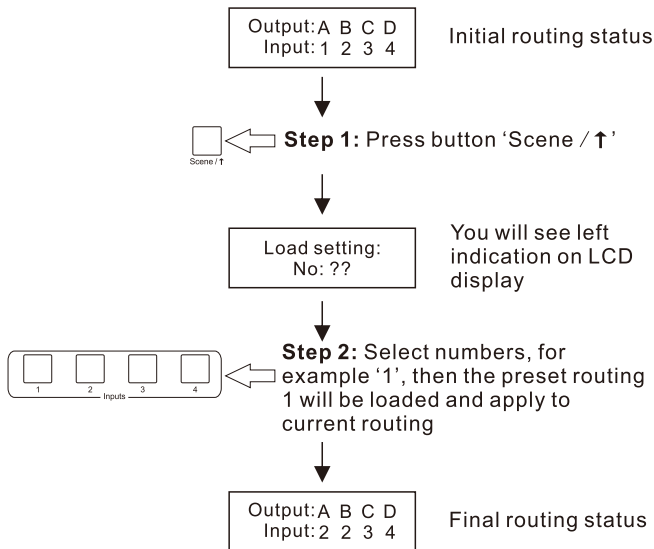


Save setting:  
No: ??

You will see left indication on LCD display



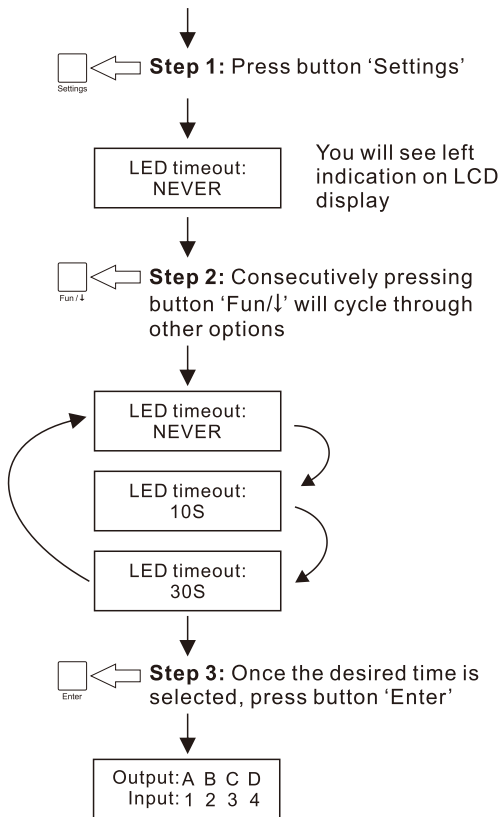
## 3. Load preset routing status



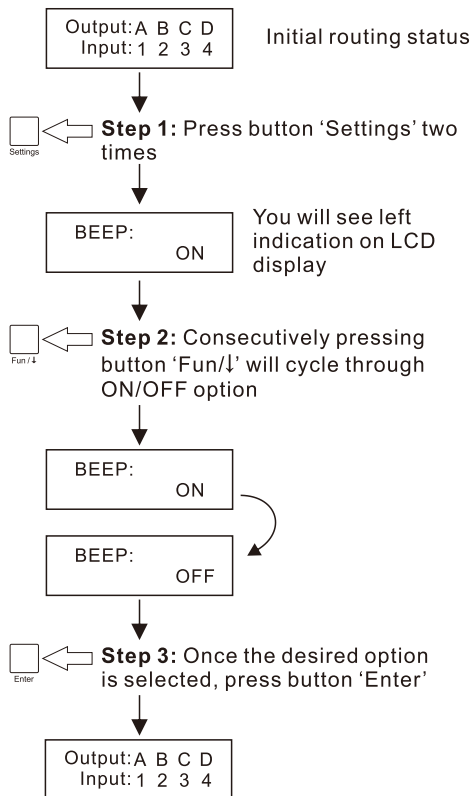
## 4.Change LED timeout

The LED indicators on front panel, including back light of the LCD display, can be turn off after seconds of inactivity. Below is how to change the settings:

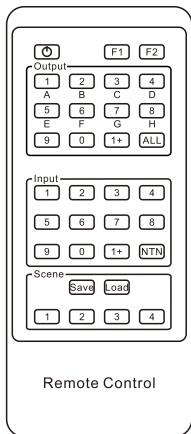




## 5.Mute/unmute buzzer



## IR Remote Control:



(1) 1 to 1 switch:

Step 1: Press  $\boxed{1}/\boxed{2}/\boxed{3}/\boxed{4}$  in output block to select one of the output port you are going to control

Step 2: Press  $\boxed{1}/\boxed{2}/\boxed{3}/\boxed{4}$  in input block to select input source which you want to be displayed on selected output

(2) Switch to mirrored connection:

Press  $\boxed{NTN}$ , then the routing status will be changed to Input 1 - Output A, Input 2 - Output B, Input 3 - Output C, Input 4 - Output D

(3) 1 to all switch:

Press  $\boxed{ALL}$ , then press  $\boxed{1}/\boxed{2}/\boxed{3}/\boxed{4}$  in input block to select input source which you want to be displayed on all outputs

#### (4) Preset routing for scenes:

Press **Save**, then press **1** / **2** / **3** / **4** in scene block, save current routing status to user preset memory 1/2/3/4

Press **Load**, then press **1** / **2** / **3** / **4** in scene block, load routing status from user preset memory 1/2/3/4 and apply to current routing.

- Note:**
1. For the safety request by some express company, the remote control is not equipped battery by default. Please install the button battery CR2025 before using it.
  2. Unspecified buttons at above are non-functional.

## **Warranty Information:**

We warrant this product as free of defects in material and workmanship for a period of one (1) year from the date of shipment.

If during the period of warranty this product proves defective under normal use, we will repair or replace this product, provided that this product has not been subjected to mechanical, electrical, or other abuse or modifications. If it fails under conditions other than those covered will be repaired at the current price of parts and labor in effect at the time of repair. Such repairs are warranted for six (6) months from the day of reshipment to the buyer.